

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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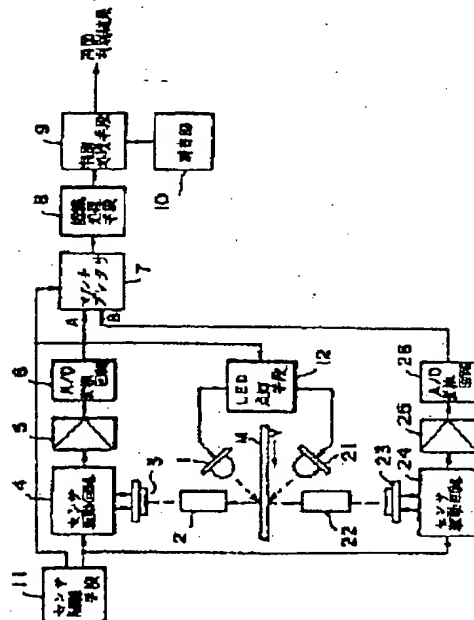
APPLICATION DATE : 04-04-91  
APPLICATION NUMBER : 03099479

APPLICANT : OKI ELECTRIC IND CO LTD;

INVENTOR : SAKAI SHUNJI;

INT.CL. : G07D 7/00

TITLE : PAPER SHEET OR THE LIKE  
DISCRIMINATING DEVICE



ABSTRACT : PURPOSE: To miniaturize the paper sheet or the like discriminating device and to make it inexpensive.

CONSTITUTION: Plural light sources 1, 21 radiating both sides of paper documents by a turning-on means 12 are alternately turned on by synchronizing the reading frequency in image sensors 3, 23, while the reading signals are obtained from the both sides of the paper documents irradiated from plural light sources 1, 21 by the image sensors 3, 23. And by sensor control means 11, only the reading signals by the reflection light of the paper sheet or the like among these reading signals are alternately taken out. Afterwards, the single feature picture data is extracted from the reading signals in both sides of the paper sheet or the like and the discrimination of the paper sheet or the like is performed based on the above feature picture data. Therefore, the reading of both sides of paper sheet or the like can be performed in a single unit.

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